

Education & Training Overview

Education & Training Overview

Judy Van Zante

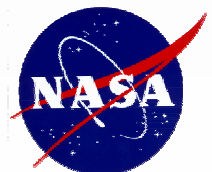
13 Nov 2000

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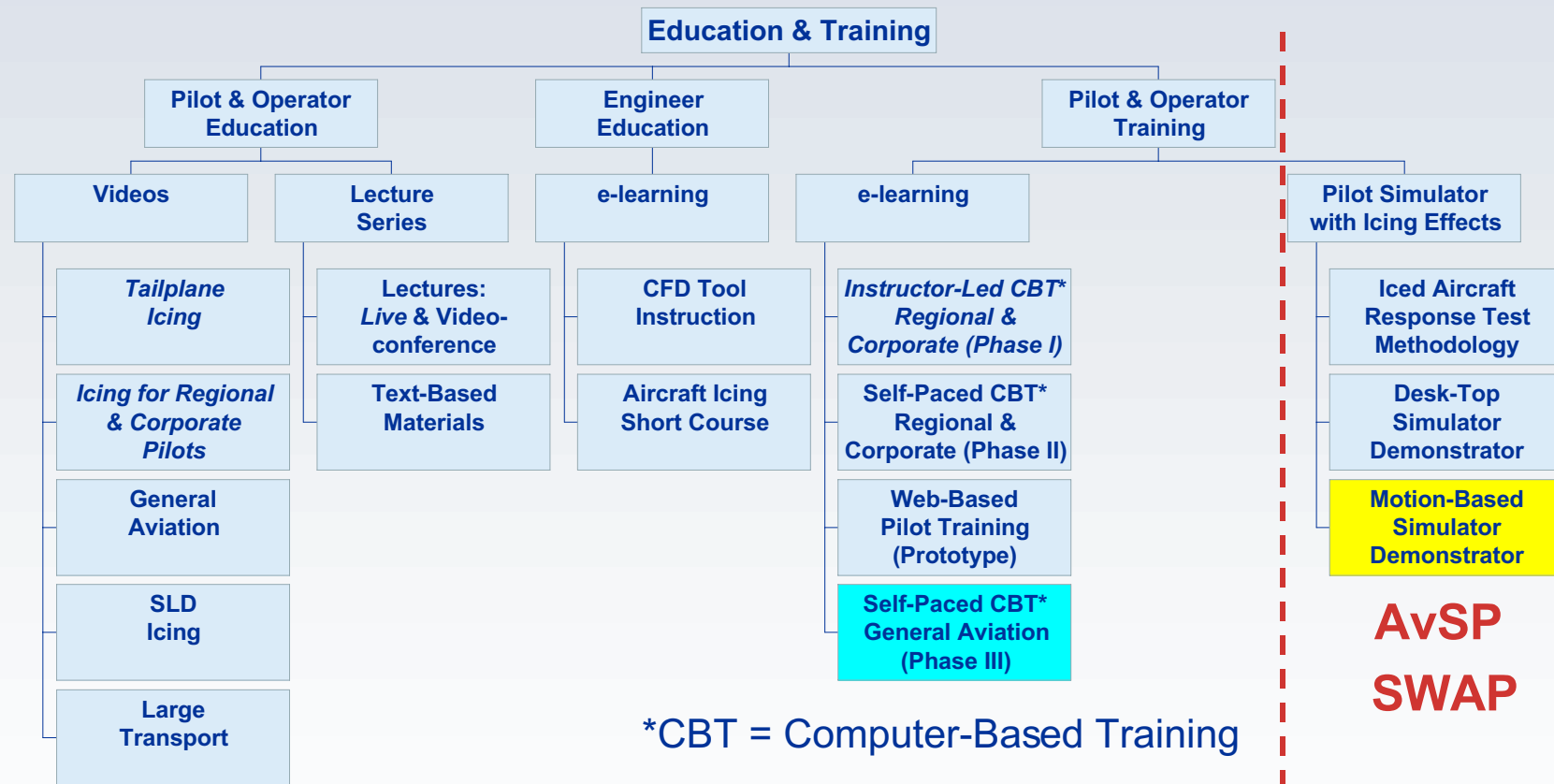
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- Current Activities
- Planned Development
- Needed, Not Planned



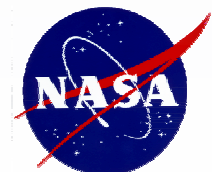
**AvSP
SWAP**

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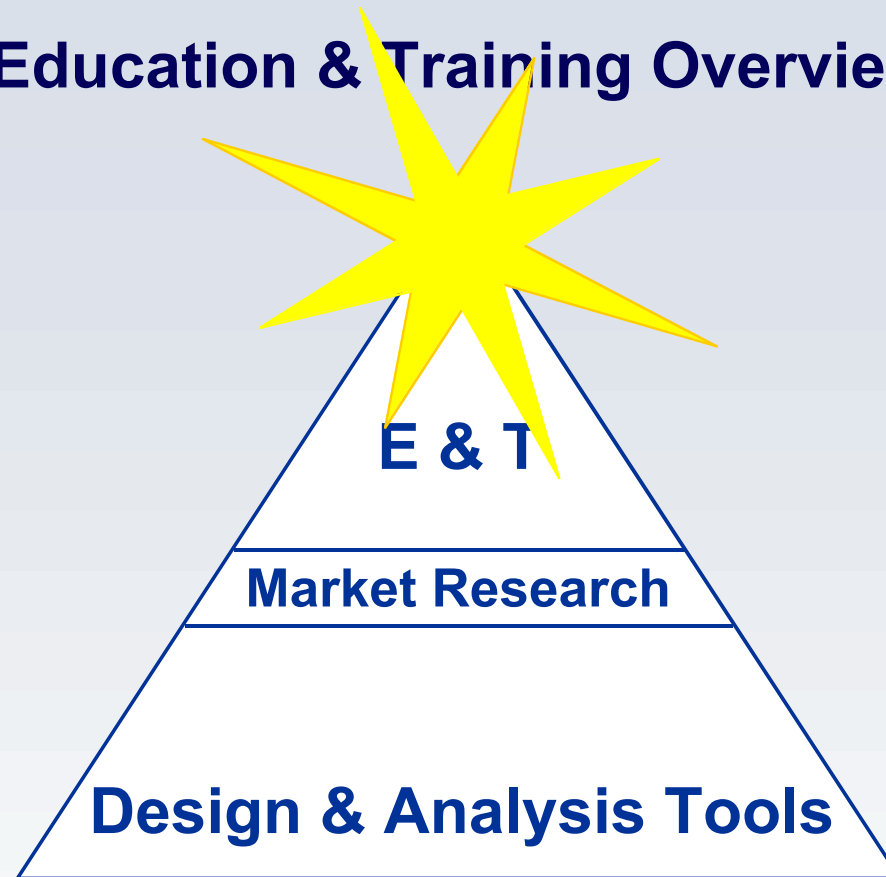
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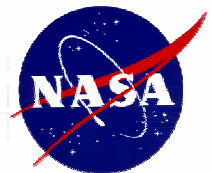
**Education and Training is built on
Design and Analysis Tools and
Market Research**

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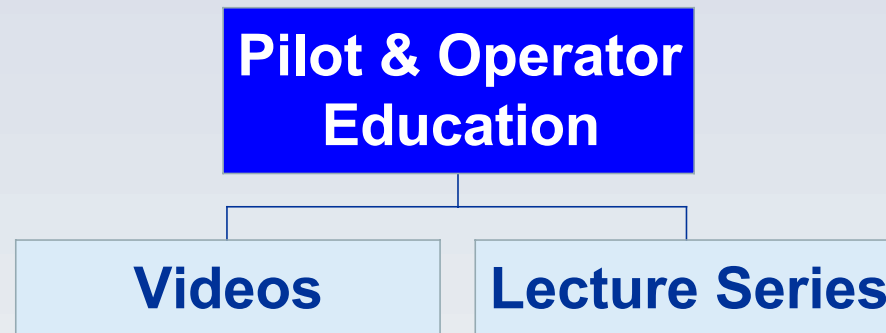
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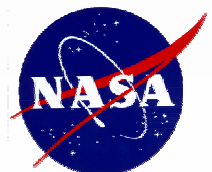
- *Goal*
Communicate knowledge to pilots and operators about the hazards of in-flight icing, including recovery techniques.
- *Approach*
Develop multiple delivery platforms using media technologies, e.g., video, lecture and DVD, to engage the audience.

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Videos

- Judy Van Zante will discuss later.

Lecture Series

- NASA Experts dialog with pilots and operators about in-flight icing (on going).
- Increase accessibility through videoconferencing technology.
- Generate text-based materials for instructors, pilots and operators.

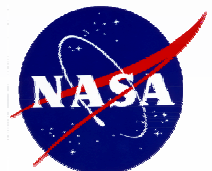


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Engineer
Education

e-learning

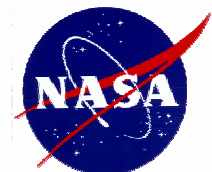
- *Goal*
Synthesize and transfer NASA icing knowledge to the engineering and scientific community.
- *Approach*
Develop both text-based and interactive training materials using computer or web learning technologies.

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CFD Tool Instruction

- Conducted LEWICE workshops
- Provide instructional materials about engineering simulation tools for distribution to engineers

Aircraft Icing Short Course

- Conduct lectures or provide lecture materials to inform scientists and engineers about in-flight aircraft icing research, including CFD tools, experimental methods, test techniques and icing physics.

Engineer
Education

e-learning

CFD Tool
Instruction

Aircraft Icing
Short Course

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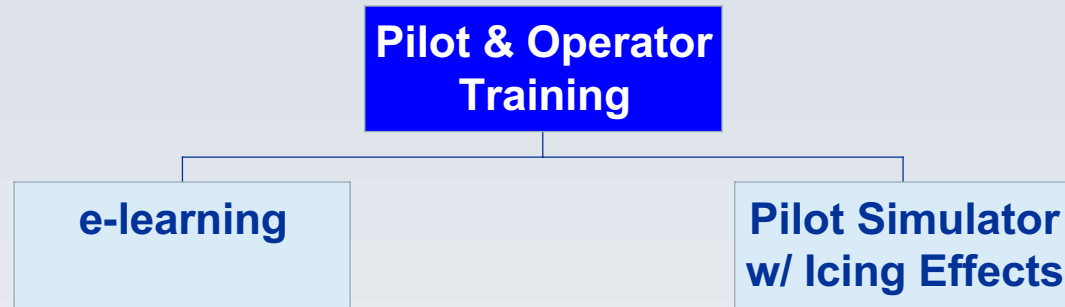
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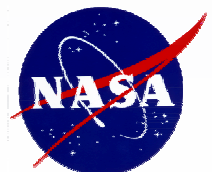
- *Goal*
Communicate knowledge *via approved training materials* to pilots and operators about the hazards of in-flight icing, including recovery techniques.
- *Approach*
Develop training products that utilize interactive learning experiences that engage users in operational scenarios.

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e-learning Training

- Kevin Burke will discuss later.

Pilot Simulator with Icing Effect

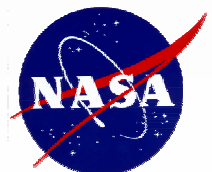
- Tom Ratvasky will discuss later.

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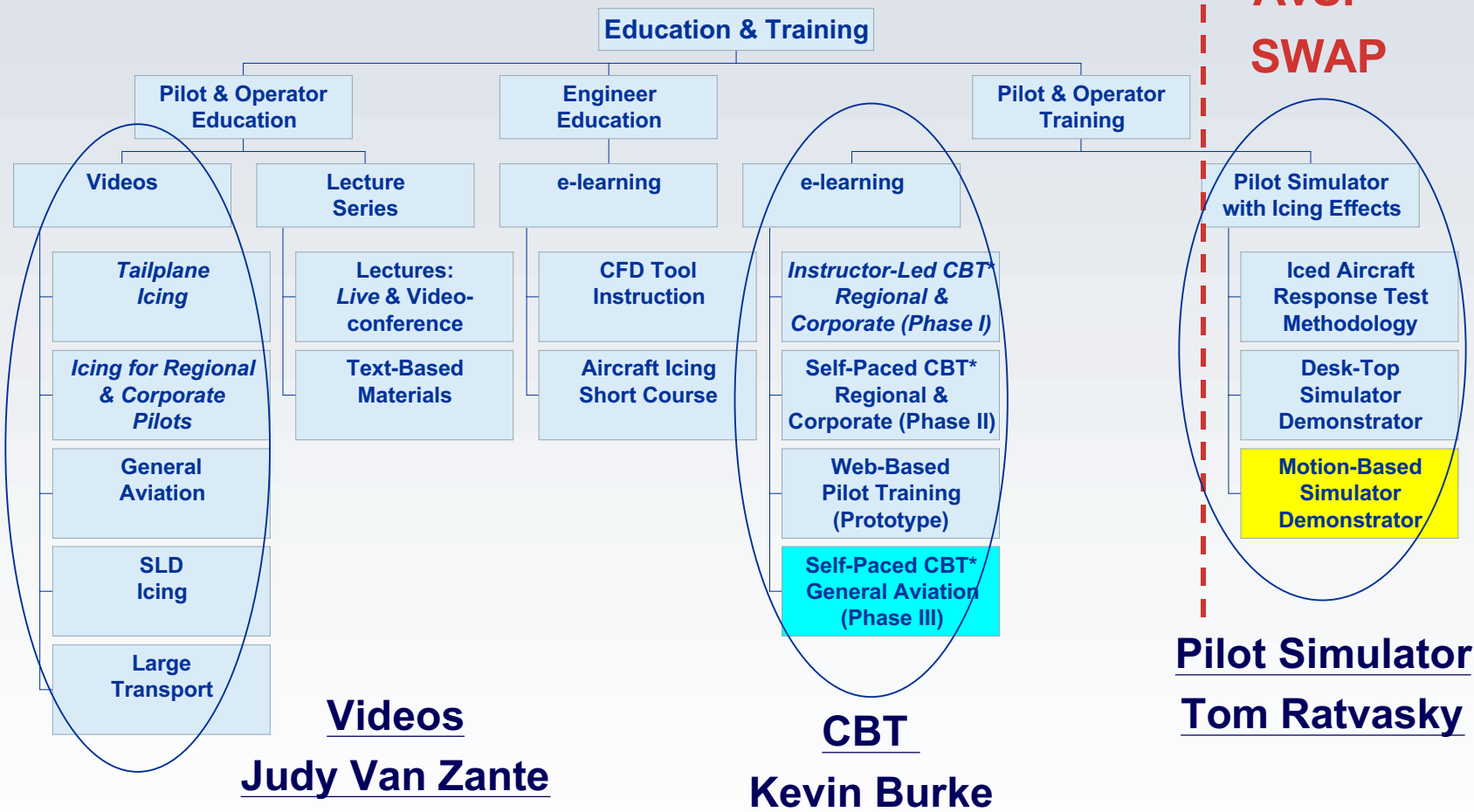
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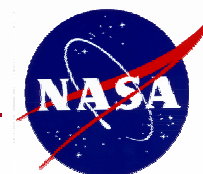


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Questions?

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